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ABSTRACT OF THE DISCLOSURE

A viewing optical system of an optical apparatus has an objective system for forming an image of an object and
5 an eyepiece system for enlarging and directing the image to the pupil. The viewing optical system also has a hologram combiner comprising holograms of the volume type, phase type, and reflective type and having optical power for constructing a surface which is optically equivalent to the image surface at a different position than the image when viewed from the pupil. The system 10 also includes an information display means for displaying information at the position of the equivalent surface, wherein the hologram combiner transmits light from the image and reflects light from the information display means so as to allow viewing of an image together with 15 the information display overlaid onto the image.